



PATENT
450117-02105

IN THE CLAIMS

Please amend claims 1, 4, 6-8, 10, 12, and 14 by rewriting the same to the following:

1. (Amended) Method for transmitting and receiving data in a code division multiple access telecommunication system, comprising the steps of:
- providing a random access time window comprising a plurality of random access slots for transmitting random access data from at least one first communication device to a second communication device, and
- dividing the plurality of random access slots of the random access time window into at least two groups each having a respective size, and
- allocating the groups to respective priority classes,
- whereby the priority classes represent the transmission priorities of the random access data to be transmitted in the random access slots, and
- whereby the size of at least one of said groups is changed in accordance with changing needs such that a probability of access for the at least one group is dynamically changed.

4. (Twice Amended) Method for transmitting and receiving data according to
B2 claim 1, characterized in,

that a first communication device, for transmitting random access data of a certain transmission priority, randomly chooses one or more random access slots from the group having the corresponding priority class.

6. (Twice Amended) Method for transmitting and receiving data according to claim 1, characterized in,

that said second communication device periodically broadcasts information defining the groups of the random access time window to the at least one first communication device.

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7. (Twice Amended) Method for transmitting and receiving data according to claim 1, characterized in,

that each random access slot in said random access time window is defined by a time offset value and a preamble code.

8. (Amended) Device for transmitting and receiving data in a code division multiple access telecommunication system,
in which a random access time window comprising a plurality of random access slots for transmitting random access data is provided,
the plurality of random access slots of the random access time window being divided into at least two groups each having a respective size , and
the groups being allocated to respective priority classes,
whereby the priority classes represent the transmission priorities of the random access data to be transmitted in the random access slots,

with means for randomly choosing one or more random access slots from a group having a certain priority class corresponding to the transmission priority of the random access data to be transmitted, and

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slot(s),
means for transmitting the random access data in said chosen random access slot(s),
whereby the size of at least one of said groups is changed in accordance with changing needs such that a probability of access for the at least one group is dynamically changed.

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10. (Twice Amended) Device for transmitting and receiving data according to

claim 8, characterized by,

means for extracting information defining the groups of the random access time window from a received broadcast signal.

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12. (Amended) Device for transmitting and receiving data in a code division multiple access telecommunication system,

in which a random access time window comprising a plurality of random access slots for transmitting random access data is provided,

with means for dividing the plurality of random access slots of the random access time window into at least two groups each having a respective size,

whereby the groups are allocated to respective priority classes, the priority classes representing the transmission priorities of the random access data to be transmitted in the random access slots, and

window,

means for transmitting information defining the groups of the random access time window,
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C3 whereby the size of at least one of said groups is changed in accordance with changing needs such that a probability of access for the at least one group is dynamically changed.

14. (Twice Amended) Device for transmitting and receiving data according to claim 12, characterized in,

B6 that said means for dividing the random access slots into groups sets the number of random access slots in each group variably depending on system requirements.

REMARKS

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 USC §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 2, 3, 5, 9, 11, 13, and 15 and amended claims 1, 4, 6-8, 10, 12, and 14 are in this application.

In the Office Action, the Examiner rejects claims 1-15 under 35 U.S.C. §102(a) as being anticipated by U.S. Patent No. 5,729,542 to Dupont.